

Patent Abstracts of Japan

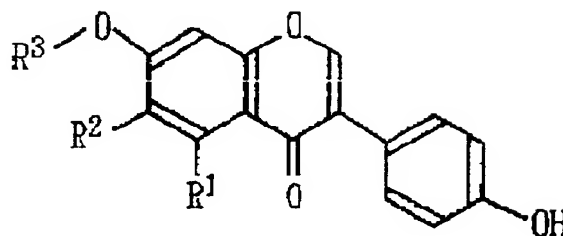
PUBLICATION NUMBER : 11269066  
 PUBLICATION DATE : 05-10-99  
 APPLICATION DATE : 20-03-98  
 APPLICATION NUMBER : 10072100

APPLICANT : KAO CORP;

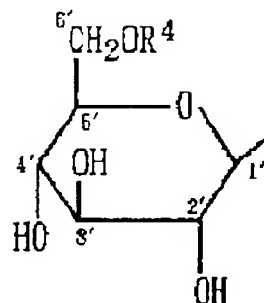
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INT.CL. : A61K 31/35 A23L 1/30 A61K 31/70 //  
 C07D311/36 C07H 17/07

TITLE : SKIN-BLEACHING AGENT FOR  
 PERORAL ADMINISTRATION AND  
 SKIN-BLEACHING FOOD



I



II

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject bleaching agent capable of preventing or recovering the blackening of the skin such as freckle and suntan without necessitating labor and easily attaining skin-bleaching effect by using an isoflavone compound as an active component.

SOLUTION: This agent contains an isoflavone compound, e.g. a compound expressed by formula I {R<sup>1</sup> is H or hydroxyl; R<sup>2</sup> is H, hydroxyl or a 1-6C alkoxy; R<sup>3</sup> is H or a group of formula II [R<sup>4</sup> is H, CO(CH<sub>2</sub>)<sub>n</sub>R<sup>5</sup> or the like; R<sup>5</sup> is H or COOH; (n) is 1-5]}, especially isoflavone, etc., as an active component. The compounding amount of the isoflavone is 0.002 wt.% and the isoflavone is preferably administered at a daily dose of about 1-120,000 mg for ≥10 days for an adult.

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